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## **ABSTRACT**

A full-length cDNA encoding novel proteins involved in the control of cell proliferation (human Gros1-L and S) was successfully isolated from the human testis cDNA libraries. A full-length cDNA encoding the mouse homologues of the human Gros1 (mouse Gros1-L and S) was also isolated. The colony forming activity of cells exogenously expressing Gros1-L was significantly reduced, while that of cells expressing Gros1 antisense RNA was significantly increased..